

Work Order ID 114844

Friday, March 14, 2014 9:55:09 AM

114844

Page 1

Item ID: D4716-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Duct Hose
Start Date: 3/14/2014 Start Qty: 24.00 ***24*** Cust Item ID:
Required Date: 5/23/2014 Req'd Qty: 24.00 ***24*** Customer:
Reference:

Approvals: Process Plan: CL Date: 14/03/14 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4716	A								

100 0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 23382
MANUFACTURE AS PER DWG D4716
Supplier: CUSTOM DUCTS
Certificate of conformity is required

0.00

CL 14/03/14 24

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

P14/03/20 (24)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Friday, March 14, 2014 9:55:09 AM

Page 2

Accept

Setup Start *NS1*

Stop *NS2*

24

24

Customer:

Reference:

Run Start *NR1*

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00

Memo

0.00

Quality Control

0.00

Memo

0.00

4.2 Packaging

0.00

Memo

0.00

Quality Control


24

243

DAS
28

9-89

MAY 20 2014

14/5/21 

MF 14-5-21

DQA: _____ Date: _____



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Doc/Data									
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FAULT CATEGORY

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Picklist Print

Friday, March 14, 2014 9:55:24 AM

Page 1

Work Order ID: 114844

114844

Parent Item: D4716-3

D4716-3

Parent Item Name: Duct Hose

Start Date: 3/14/2014

Required Date: 5/23/2014

Start Qty: 24.00

Required Qty: 24.00

Comments: IPP REV:A 12.11.08 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4716-3P		Purchased	No			110	Each	0.0000	1	24			
D4716-3P									**				
Duct Hose													

Revised 2-0 (24)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

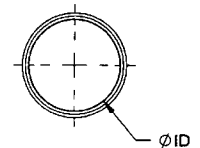
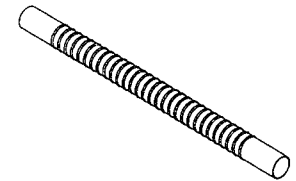
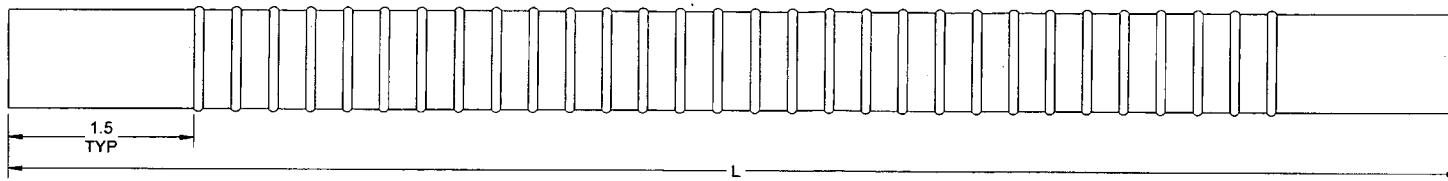
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SPECIFICATION CONTROL DRAWING



DART PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	MATERIAL	ID	L	WEIGHT (lb)
D4716-1	DUCT HOSE	CUSTOM DUCTS	SCEET	SILICONE RUBBER	0.75	24.0	0.2
D4716-3	DUCT HOSE	CUSTOM DUCTS	SCEET	SILICONE RUBBER	0.75	28.0	0.2
D4716-5	DUCT HOSE	CUSTOM DUCTS	SCEET	SILICONE RUBBER	0.75	41.0	0.3

D4716-X DUCT HOSE

RELEASED
2012-11-05
mfp

C214103/14
W10: 114844

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: PER TABLE

A	NEW ISSUE	RF	12.07.25
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.07.25		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4716	REV. A SHEET 1 OF 1
TITLE DUCT HOSE	SCALE NTS
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO23382**

Purchase Order Date 3/14/2014

PO Print Date 3/14/2014

Page Number 1 of 2

Order From :
CUSTOM DUCT
179 BEAVER BERRY ROAD

LIMINGTON, MAINE 04049

VU-CD001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
C&L 4/6/3/14

Contact Name
Vendor Phone 207-637-3000

Ship To Contact
Ship To Phone
Ship Via: FedEx PI collect
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4716-1P AS PER DWG D4716 REV. A B114843	Duct Hose	5/23/2014 Yes 5/23/2014		12.00 Each	\$30.00	\$360.00
						Line Total:	\$360.00
2	D4716-3P AS PER DWG D4716 REV. A B114844	Duct Hose	5/23/2014 Yes 5/23/2014		24.00 Each	\$34.00	\$816.00
						Line Total:	\$816.00
3	D4716-5P AS PER DWG D4716 REV. A B114845	Duct Hose	5/23/2014 Yes 5/23/2014		30.00 Each	\$38.00	\$1,140.00

Note:

3/14/2014

Custom Duct

179 Beaver Berry Rd
Limington, ME 04049
PH 1 800 863 2620

Invoice

Date	Invoice #
5/19/2014	1803

Bill To
Dart Aerospace 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Ship To
Dart Aerospace 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
PO23382	Net 30		5/19/2014	Federal Express		
Quantity	Item Code	Description			Price Each	Amount
12	SCEET	Double Wall SCEET 3 X 24" Your D4716-1P			30.00	360.00
24	SCEET	Double Wall SCEET 3 X 28" Your D4716-3P			34.00	816.00
30	SCEET	Double Wall SCEET 3 X 41" Your D4716-5P			38.00	1,140.00
	Ship	Shipping Charge Fedex collect			0.00	0.00
<p>Please forward To Accounts Payable Thanks Jon</p>						
Phone #		Fax #		E-mail		Total \$2,316.00
207 637 3000		207 637 3000		kinney@fairpoint.net		


Custom Duct
179 Beaver Berry Rd.
Limington, ME 04049

CERTIFICATE OF CONFORMANCE

Customer Name: Dart Aerospace Ltd. Purchase Order No: PO23382

12 EACH SCEET 3 X 24" Your D4716-1P WITH CUFFS
24 EACH SCEET 3 X 28" Your D4716-3P WITH CUFFS
30 EACH SCEET 3 X 41" Your D4716-5P WITH CUFFS

This is to certify that the products, systems and/or services listed here-in have been manufactured, inspected and tested in accordance with Custom Duct and industry standards. It is further certified that the items listed here-on are in compliance with the provisions of your purchase order/ work order listed above. Inspection and test records and material certifications are on file and available upon request.

Signature: 

Date: 19 May 2014